

FIG. 1

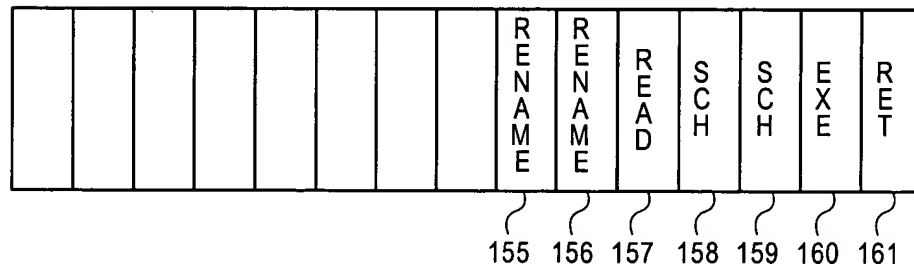


FIG. 1A

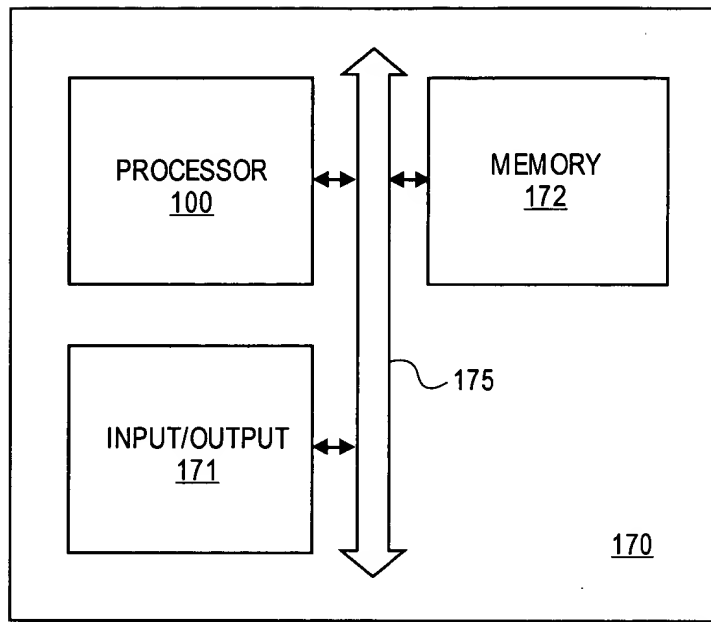


FIG. 1B

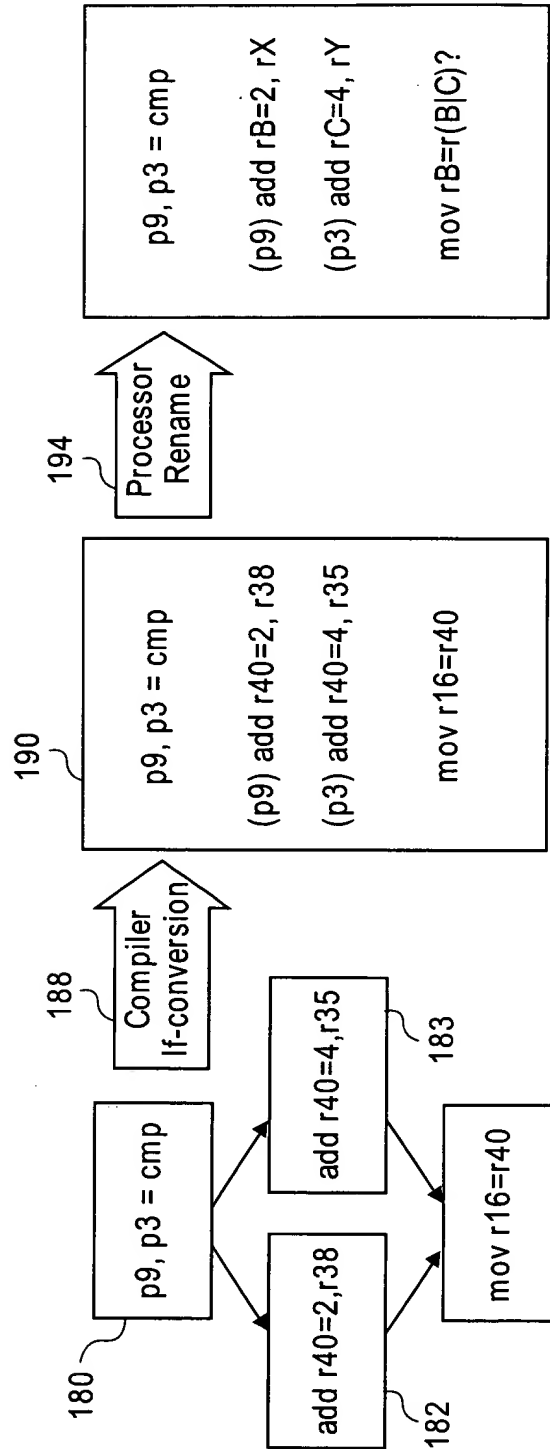


FIG. 1C

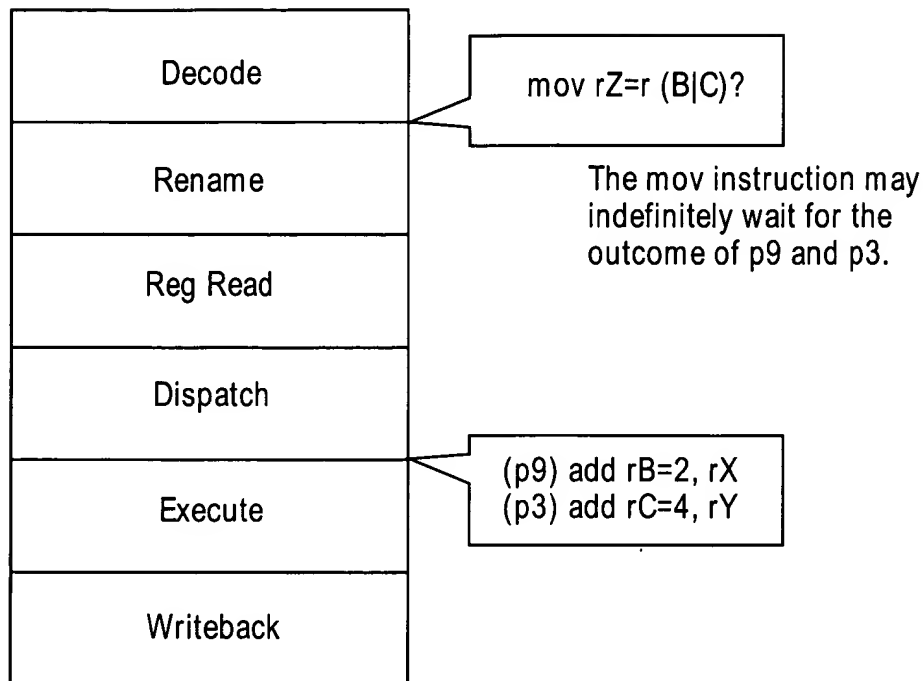


FIG. 2

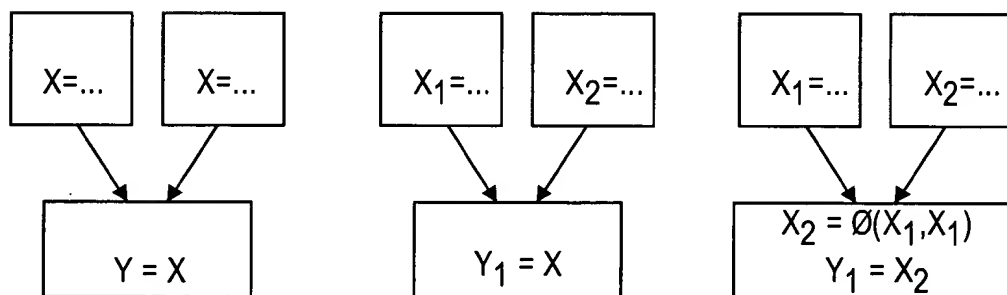


FIG. 3

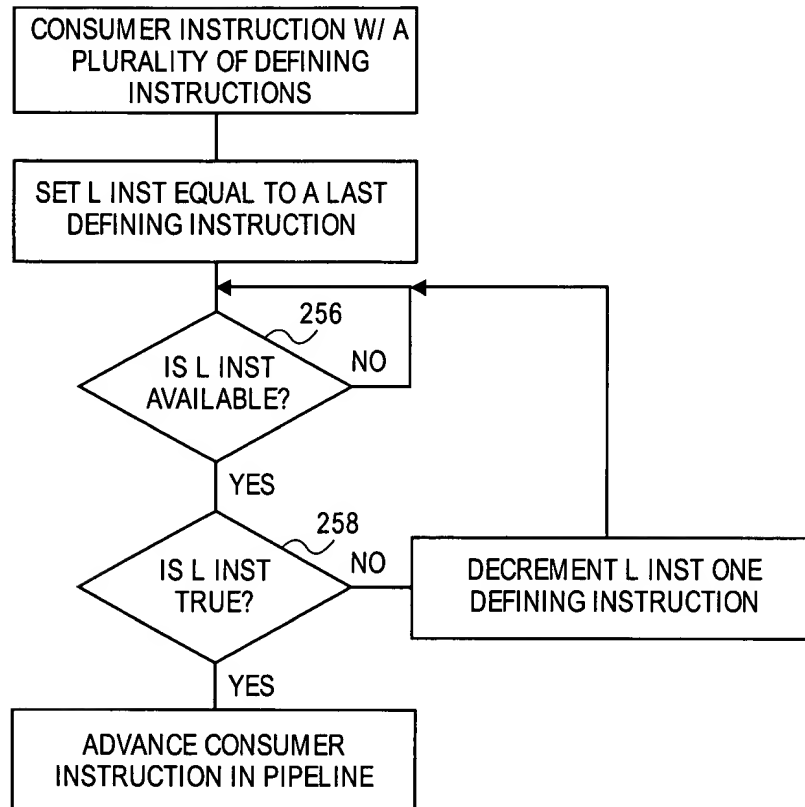


FIG. 2A

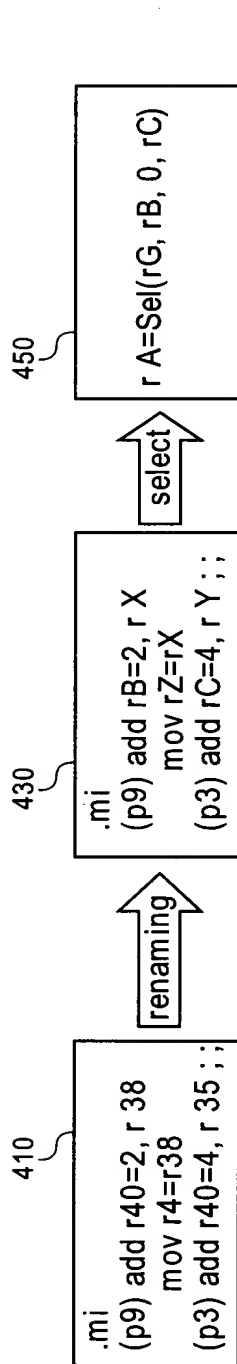


FIG. 4

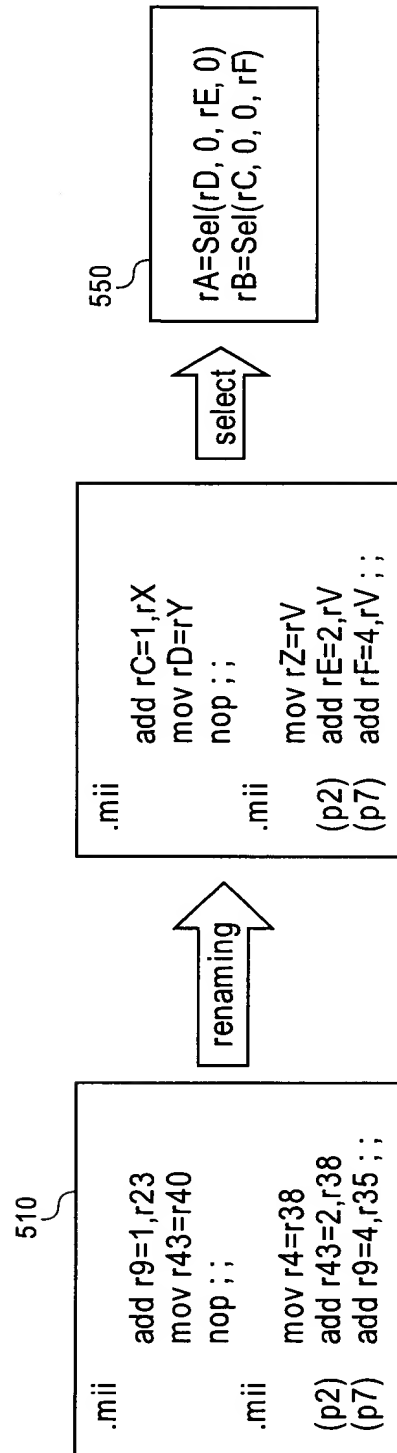


FIG. 5

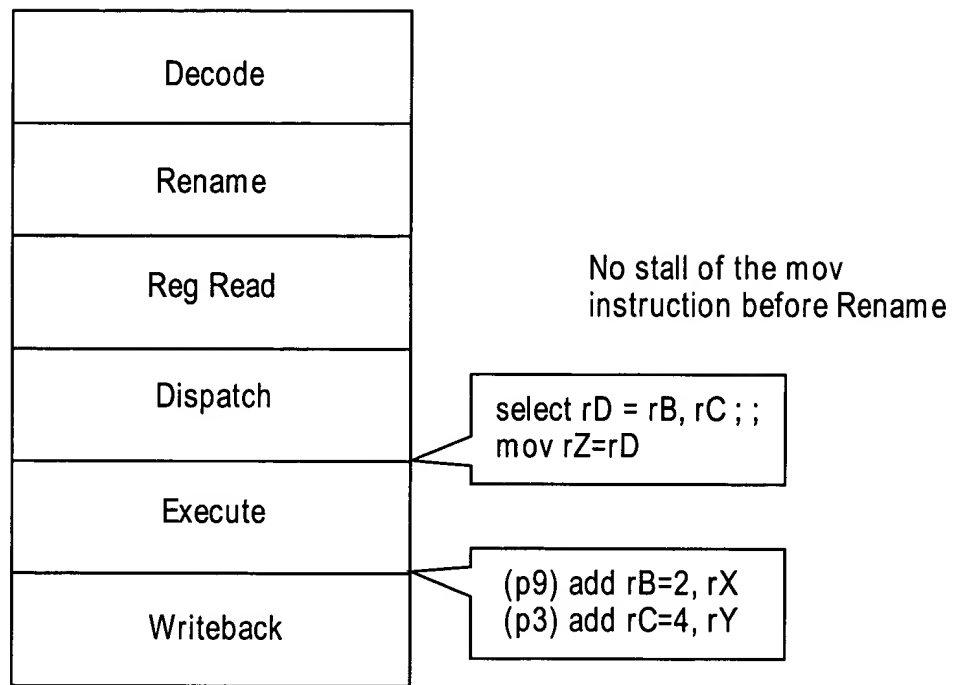


FIG. 6

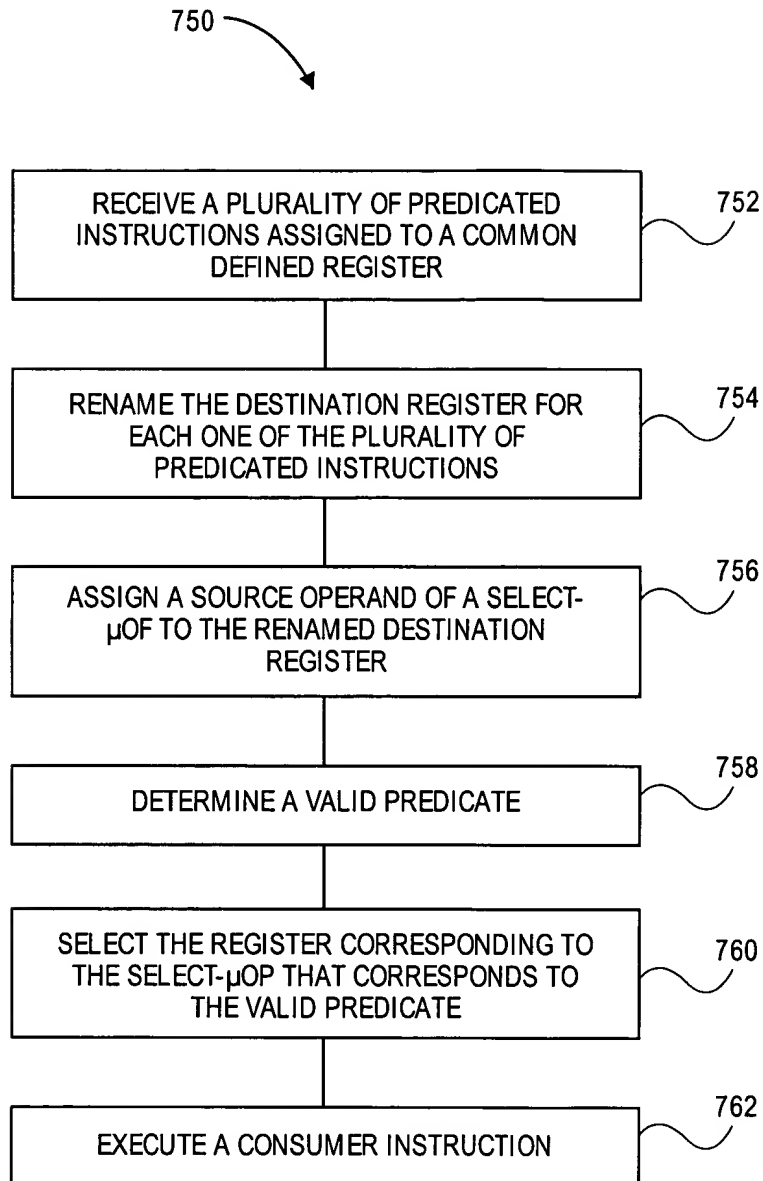


FIG. 7A

select-uop	dest	s0	s1	p1	v1	s2	p2	v2	s3	p3	v3
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FIG. 7

index	Slot 0			Slot 1		Slot 2		Slot 3	
	valid	phys reg	predicate	phys reg	predicate	phys reg	predicate	phys reg	predicate
0	1	r4	p1	r8	p9				
1	1	r11	p0						
2	0								
3	1	r6	p9	r14	p4	r21	p0	r17	p2
4	1	r24	p2						
...									
...									
...									
...									
...									
n	1	r7	p12	r15	p3				

FIG. 8

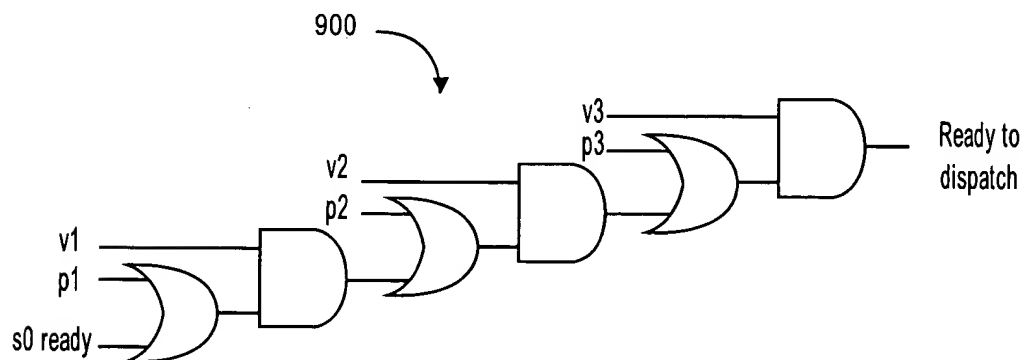


FIG. 9

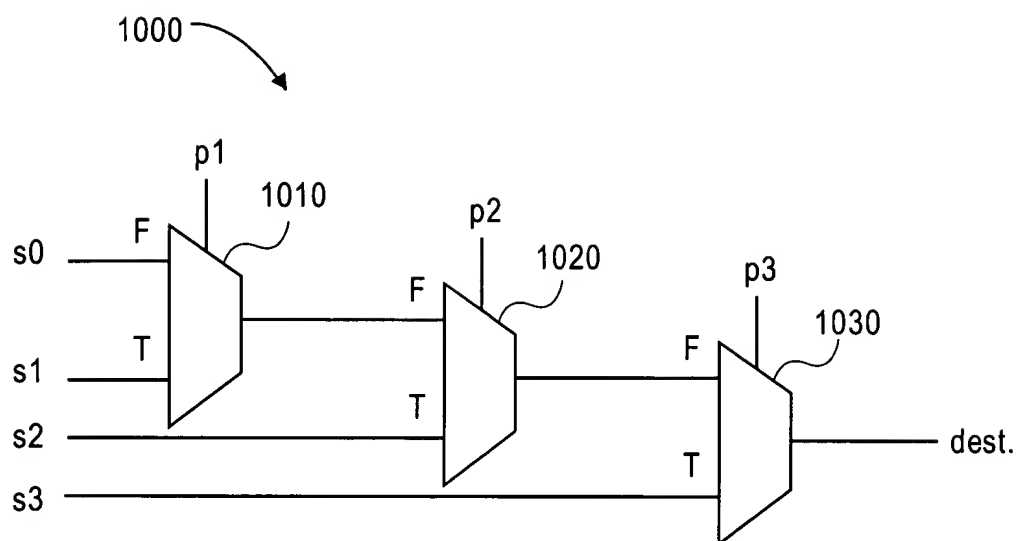


FIG. 10

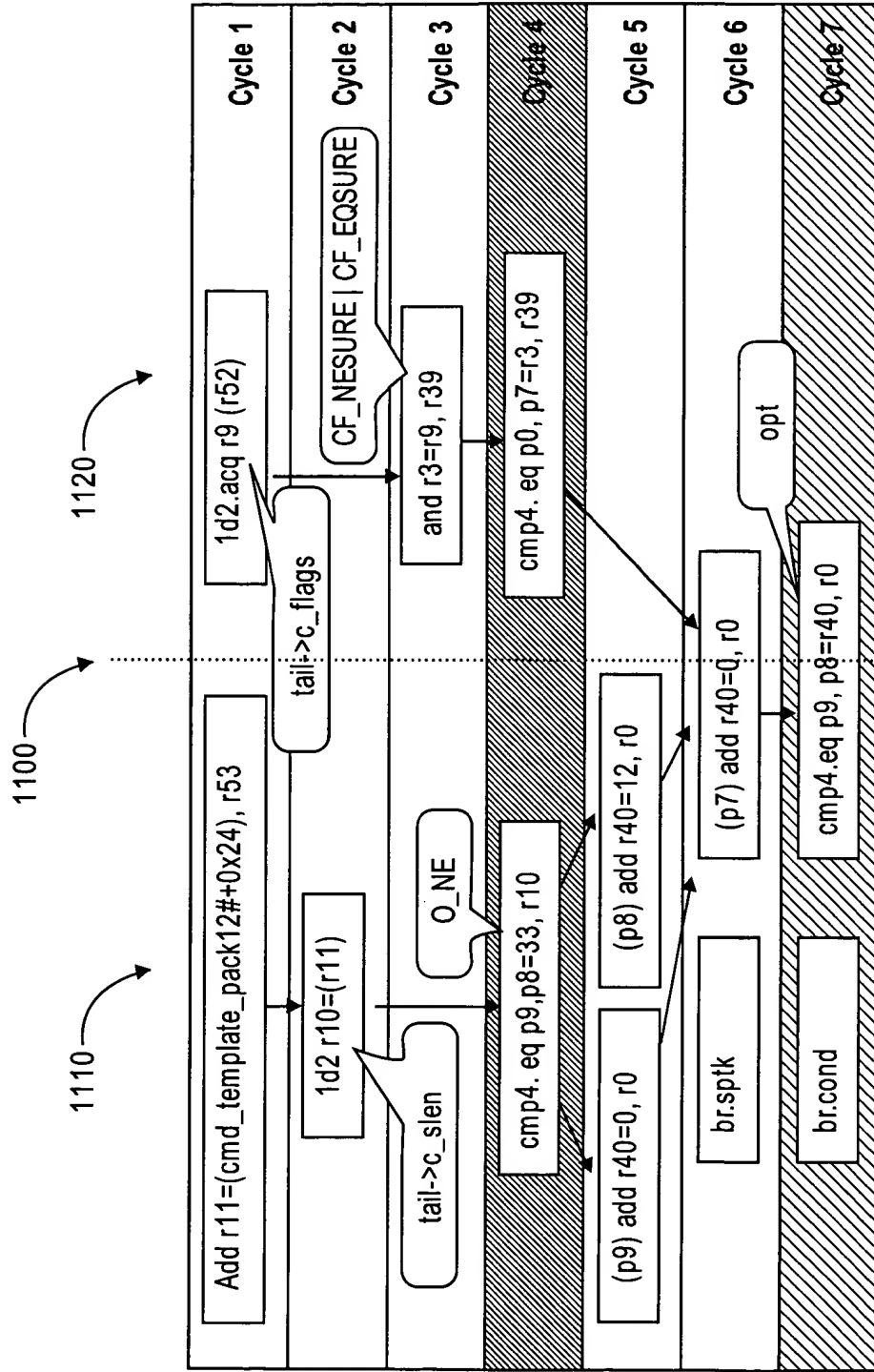


FIG. 11

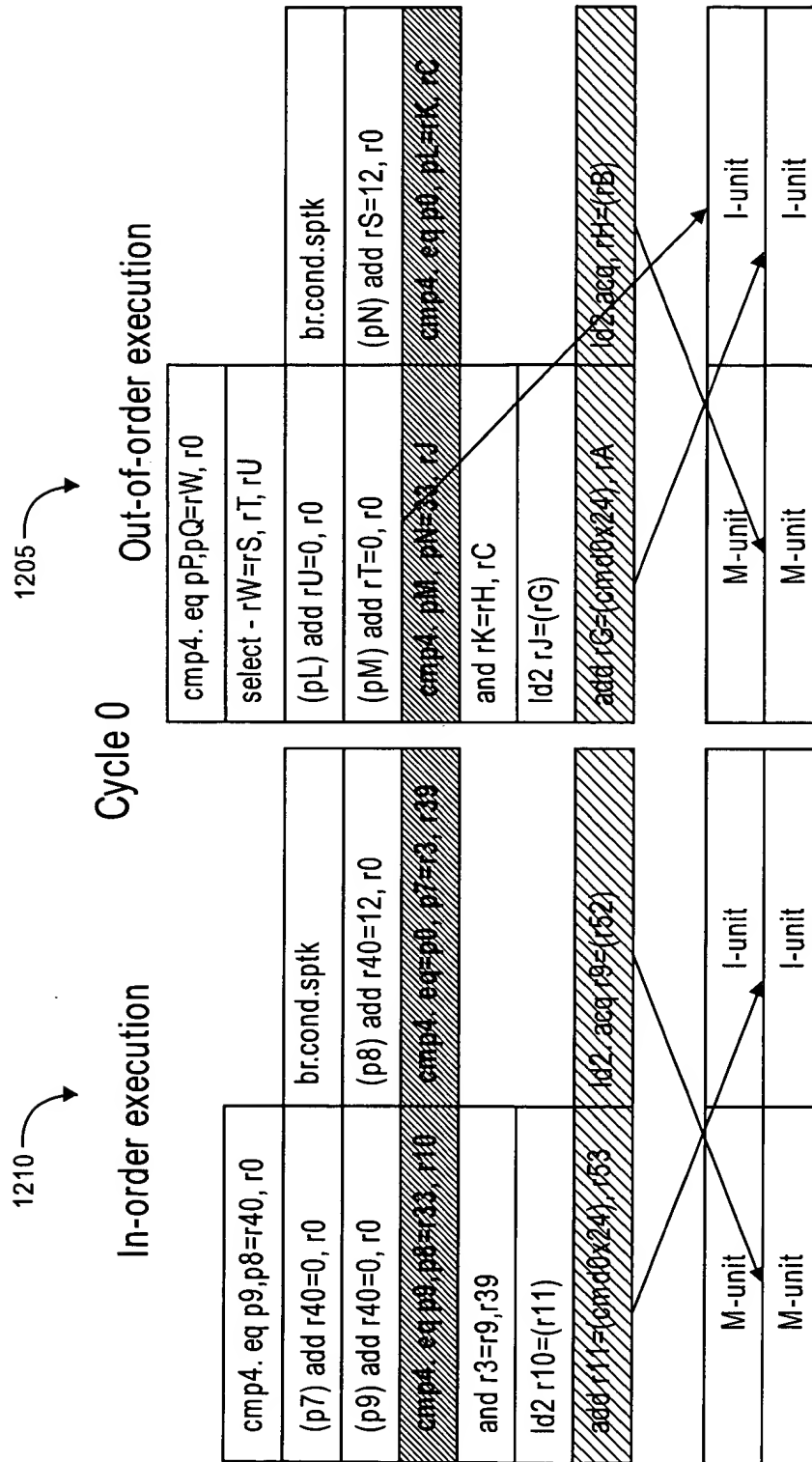


FIG. 12A

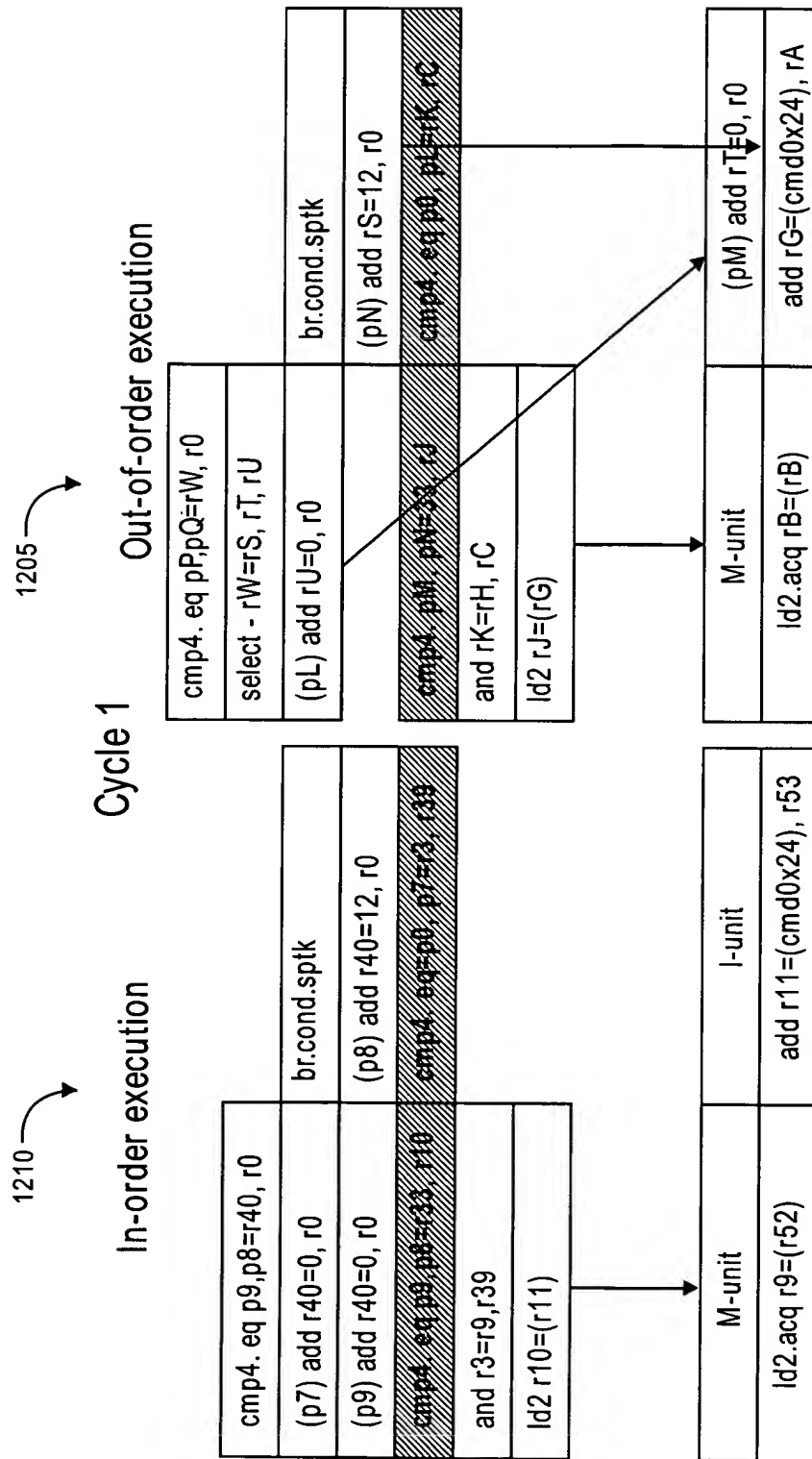


FIG. 12B

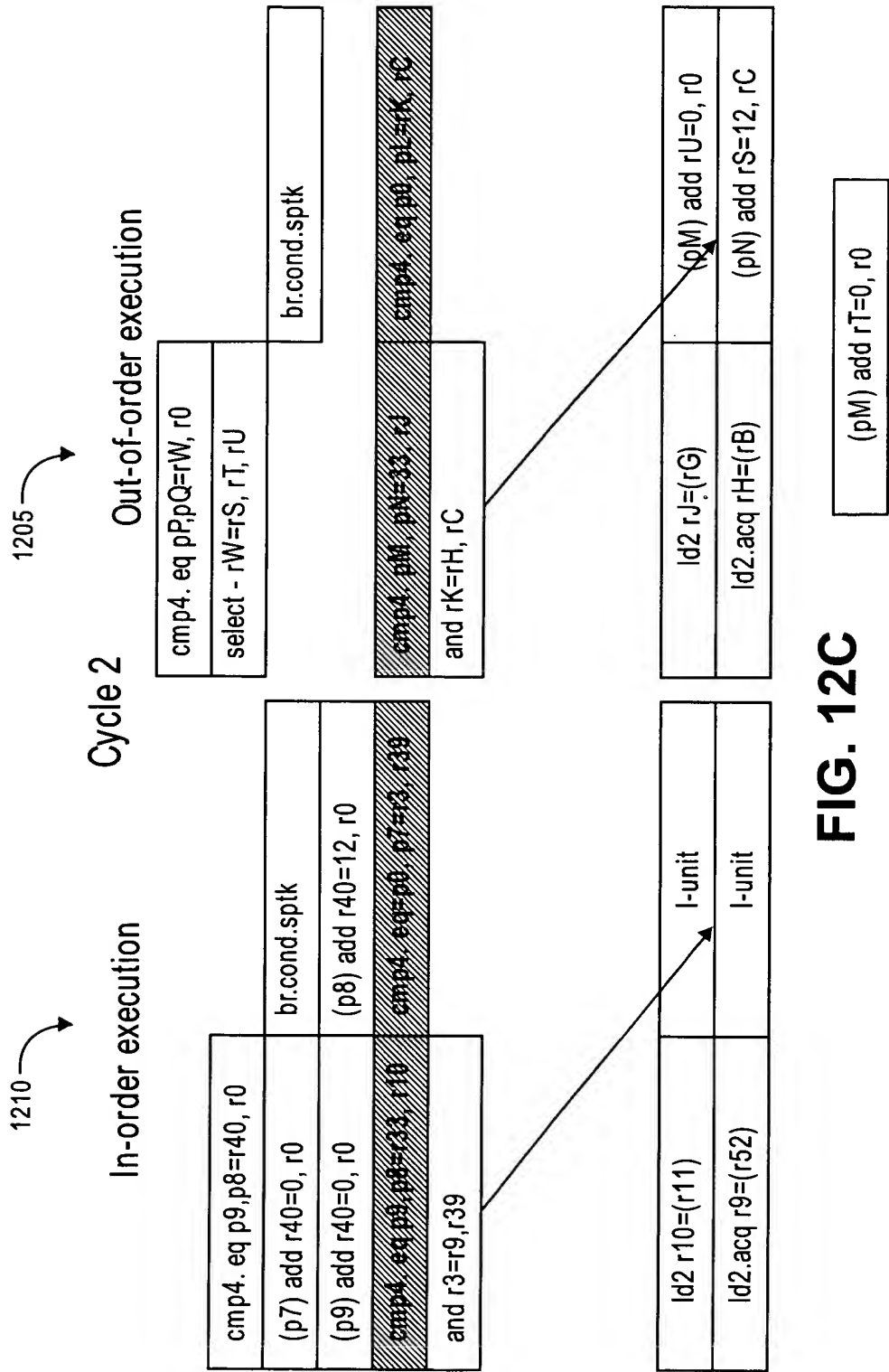


FIG. 12C

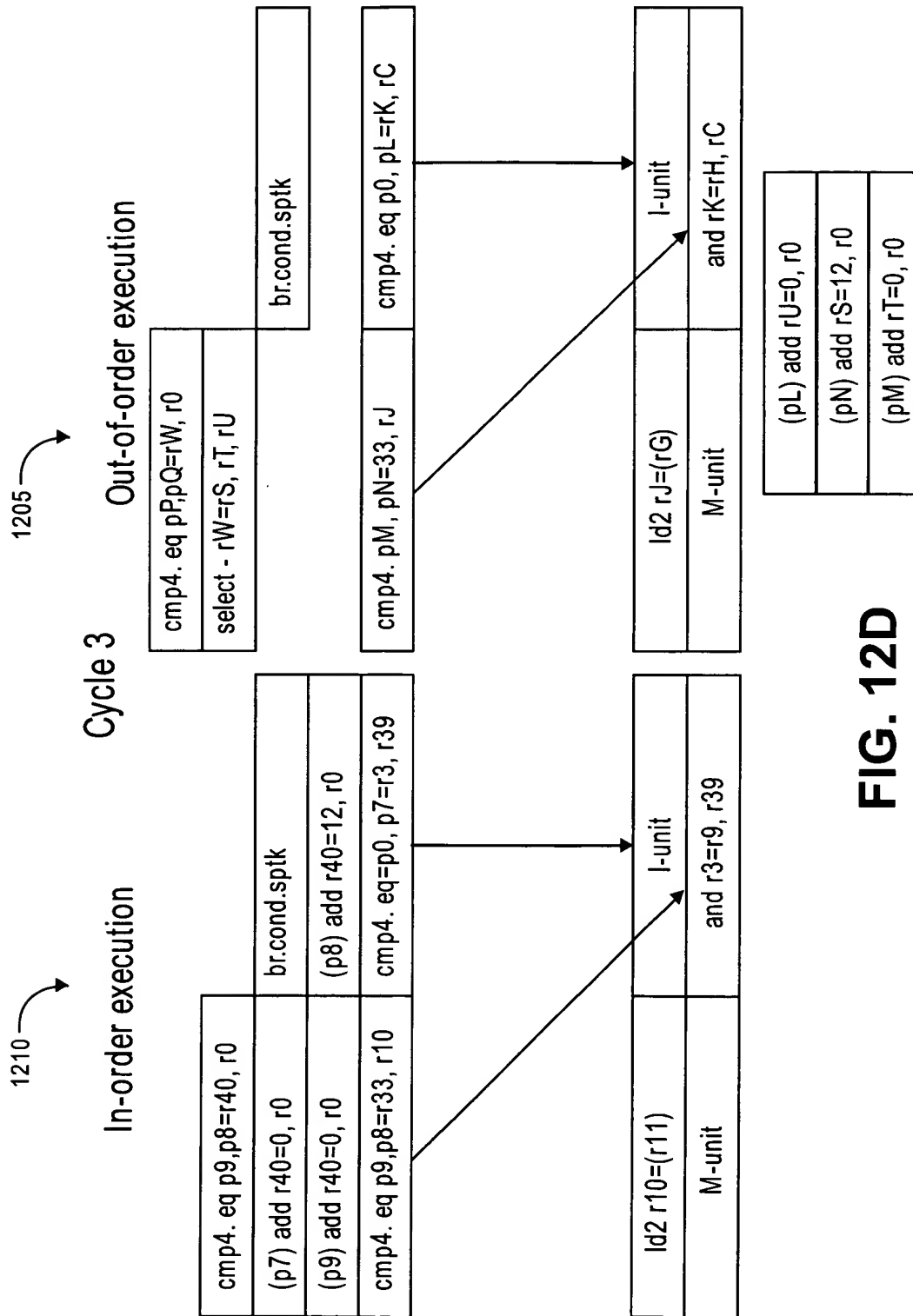


FIG. 12D

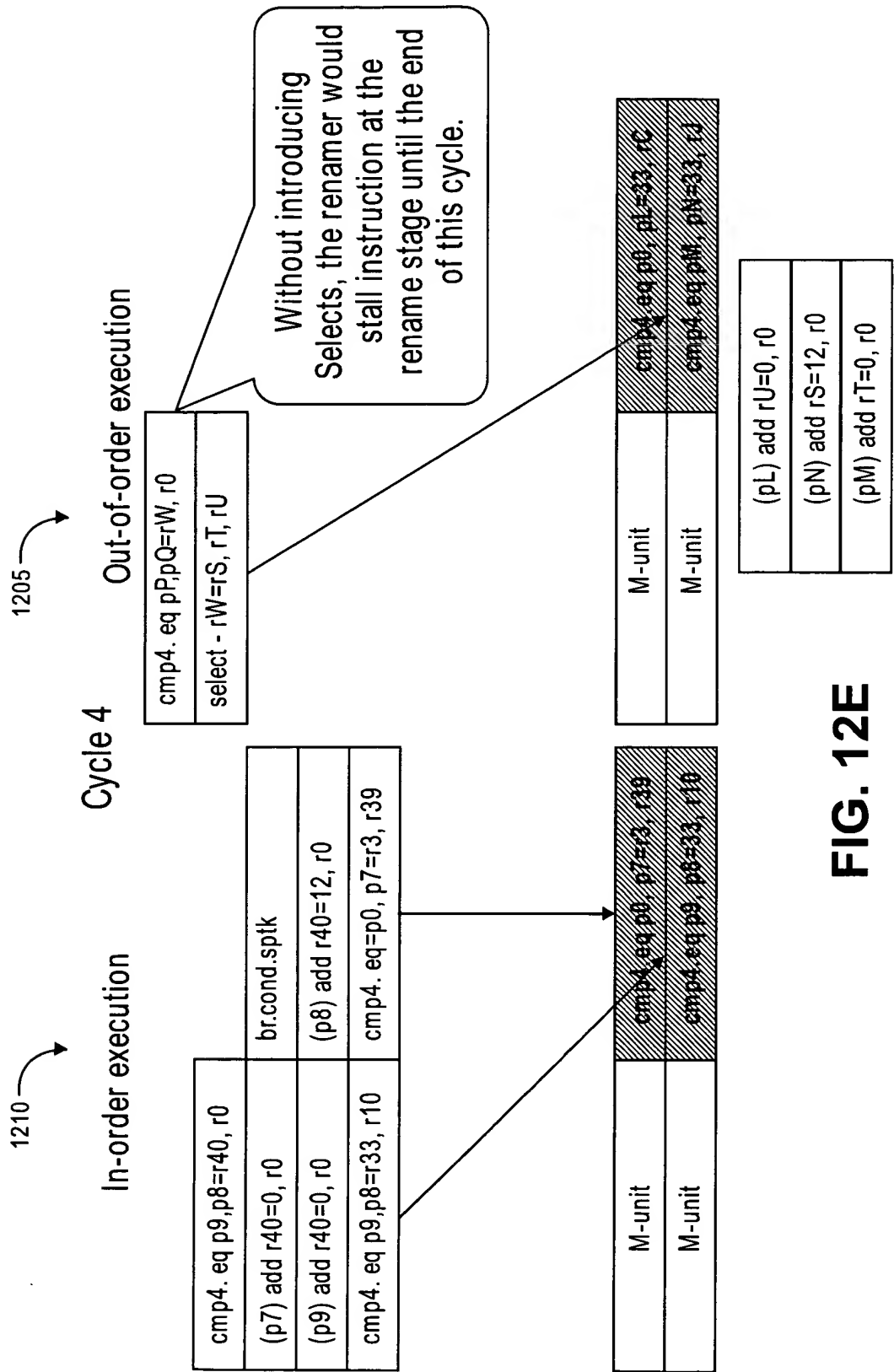


FIG. 12E

FIG. 12F

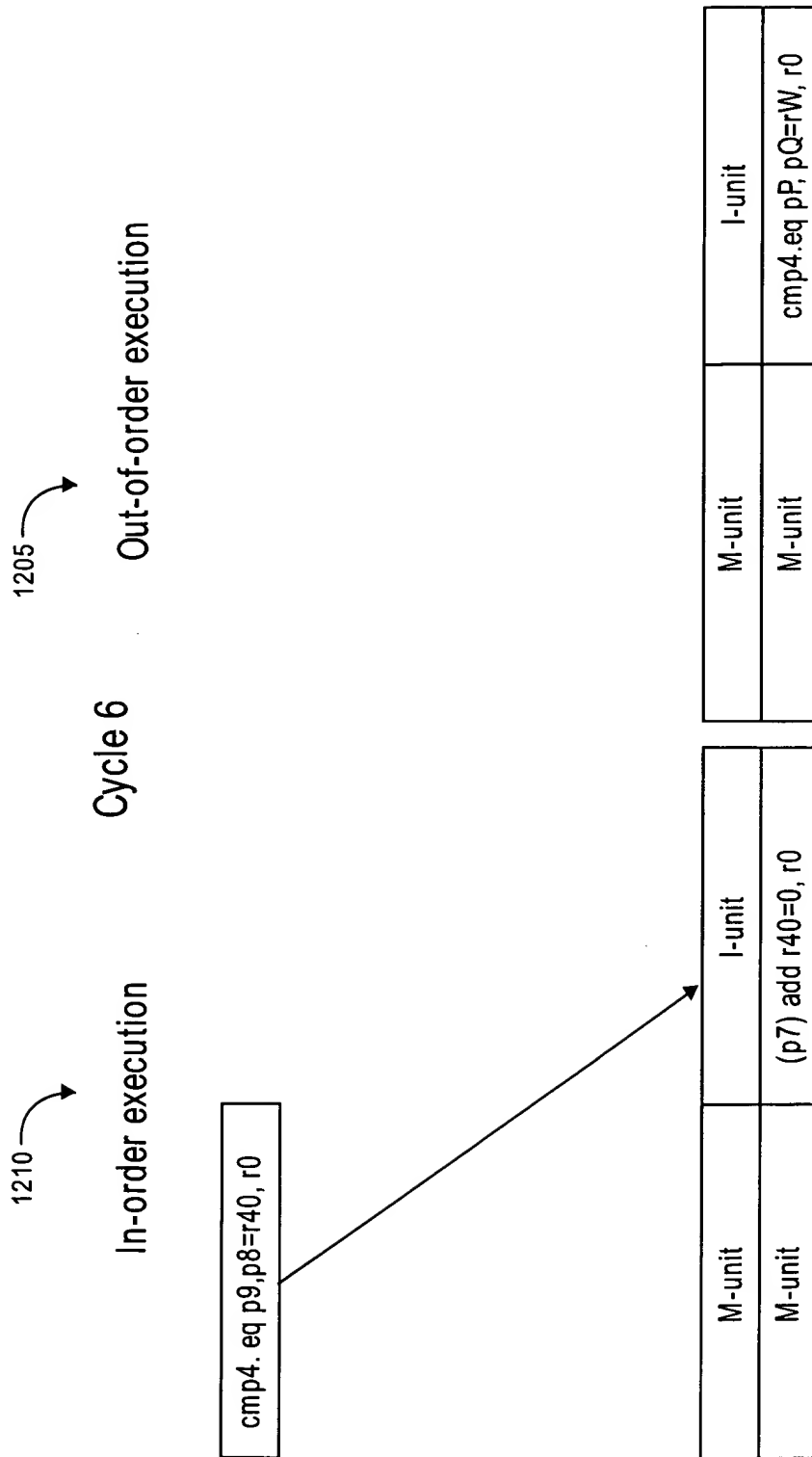


FIG. 12G